

Message Text

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ORIGIN OES-06

INFO OCT-01 EUR-12 ISO-00 ERDA-07 FEA-01 INT-05 CU-04

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DRAFTED BY OES/APT/SEP:WAROOT:GEM

APPROVED BY OES/APT/SEP:WAROOT

ERDA:WWATKINS

FEA:BEVERETT

EUR/SOV:SHUMPHREY

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R 011738Z OCT 76

FM SECSTATE WASHDC

TO AMEMBASSY MOSCOW

UNCLAS STATE 243893

E.O. 11652: N/A

TAGS: TGEN, ENRG, UR

SUBJECT: ENERGY: OIL (08.04)

REF: MOSCOW 10538

1. REQUEST EMBASSY TRANSMIT FOLLOWING LETTER FROM WATKINS
TO TAKOYEV WITH COPIES TO KREMS AND MAL'TSEV:

2. 08.04 - SEPTEMBER 30, 1976

D. A. TAKOYEV

DEPUTY MINISTER OF THE PETROLEUM INDUSTRY

MOSCOW

DEAR MINISTER TAKOYEV:

I APPRECIATE MR. KREMS AND OTHERS FROM YOUR MINISTRY
RECEIVING MR. ROOT ON JUNE 30 TO DISCUSS THE VARIOUS
POINTS IN MY FEBRUARY 13 LETTER TO YOU.

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YOUR SIDE AGREED TO PURSUE GEOMICROBIOLOGY UNDER THE SCIENCE AND TECHNOLOGY AGREEMENT AND TO RECONSIDER THE MATTER UNDER THE ENERGY AGREEMENT ONLY IF SOME ASPECT IS NOT BEING ADEQUATELY DEVELOPED UNDER THE S&T

AGREEMENT. WE NOTE THAT "AIMED AT SOLVING GEOLOGICAL EXPLORATION PROBLEMS" AFTER "STUDY OF FUNDAMENTAL PROPERTIES OF PETROLEUM" IS SUPERFLUOUS BECAUSE THIS SUB-TOPIC IS LISTED UNDER THE TOPIC "GEOLOGICAL EXPLORATION FOR OIL". I CAN AGREE TO THE OMISSION OF RADIOMETRIC MEANS OF EXPLORATION AND DRILLING FROM THE LIST OF TOPICS TO BE RECOMMENDED FOR COOPERATION AT THIS TIME, WITH THE UNDERSTANDING THAT WE MAY WISH TO ADD THESE TOPICS LATER. I ALSO AGREE TO INCLUDING EXCHANGE OF OIL SAMPLES AS A FORM OF COOPERATION RATHER THAN AS PART OF THE TITLE OF THE FUNDAMENTAL PROPERTIES OF PETROLEUM TOPIC. I AM PLEASED THAT YOUR SIDE IS AGREEABLE TO ADDING "BY WATER AND GAS INJECTION" TO THE TITLE OF THE TOPIC ON PRESSURE MAINTENANCE.

ACCORDINGLY, I BELIEVE WE ARE NOW IN COMPLETE AGREEMENT ON THE RECOMMENDATION WHICH WE SHOULD MAKE TO THE JOINT COMMITTEE FOR TOPICS OF COOPERATION, NAMELY:

08.0401 GEOLOGICAL EXPLORATION FOR OIL
08.040101 GEOCHEMICAL EXPLORATION
08.040102 FUNDAMENTAL PROPERTIES OF PETROLEUM
08.0402 IMPROVEMENT OF THE DEGREE OF EXTRACTION OF OIL FROM OIL-BEARING LAYERS
08.040201 METHODS OF FORMATION PRESSURE MAINTENANCE BY WATER AND GAS INJECTION
08.040202 NEW (TERTIARY) METHODS OF ENHANCED OIL RECOVERY
08.040203 METHODS OF HYDROCARBON EXTRACTION FROM HEAVY OIL DEPOSITS AND BITUMINOUS SANDS.

ORGANIZATIONS RESPONSIBLE FOR EACH TOPIC: MINISTRY OF OIL INDUSTRY AND ERDA, WITH THE ADDITION OF THE SOVIET MINISTRY OF GEOLOGY FOR THE GEOCHEMICAL EXPLORATION SUB-TOPIC.

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FORMS OF COOPERATION FOR EACH TOPIC: SHORT AND LONG-TERM EXCHANGE OF SPECIALISTS, EXCHANGE OF INFORMATION, AND SYMPOSIA, WITH THE ADDITION OF EXCHANGE OF OIL SAMPLES FOR THE FUNDAMENTAL PROPERTIES OF PETROLEUM SUB-TOPIC.

TIME OF PROJECT EXECUTION SHOULD BE DETERMINED WHEN

DETAILED WORK PROGRAMS ARE DEVELOPED. WE AGREE THAT FOR EACH SUB-TOPIC US AND SOVIET COORDINATORS SHOULD BE IDENTIFIED. US COORDINATORS ARE AS FOLLOWS:

GEOCHEMICAL EXPLORATION: TERENCE J. DONOVAN, US
GEOLOGICAL SURVEY, PIPESTONE, ARIZONA

FUNDAMENTAL PROPERTIES OF PETROLEUM: WILLIAM HAINES,
ERDA, LARAMIE, WYOMING

PRESSURE MAINTENANCE AND TERTIARY RECOVERY: ROBERT T.
JOHANSEN, ERDA, BARTLESVILLE, OKLAHOMA

HEAVY OIL DEPOSITS AND BITUMINOUS SANDS: CECIL CUPPS,
ERDA, LARAMIE, WYOMING.

WE ARE ALSO ASKING INDUSTRY REPRESENTATIVES IF THEY ARE
INTERESTED IN PARTICIPATING.

WE BELIEVE THAT, FOR THE NEXT EXCHANGE, TWO MEETINGS, ONE
IN EACH COUNTRY, WOULD BE SUFFICIENT WITH EXPERTS ON ALL
TOPICS INCLUDED IN ONE DELEGATION.

WE CAN AGREE TO RECEIVING SIDE PAYS FOR LONG-TERM
EXCHANGES (OVER ONE-MONTH) BUT BELIEVE THAT SENDING SIDE
PAYS IS MORE PRACTICAL FOR SHORT-TERM EXCHANGES.

I WOULD APPRECIATE RECEIVING YOUR CONFIRMATION OF THE
ABOVE AND THE NAMES OF THE SOVIET COORDINATORS.

SINCERELY YOURS,

WADE WATKINS
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ERDA

CC:
MR. KREMS
MR. MAL'TSEV. KISSINGER

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NNN

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